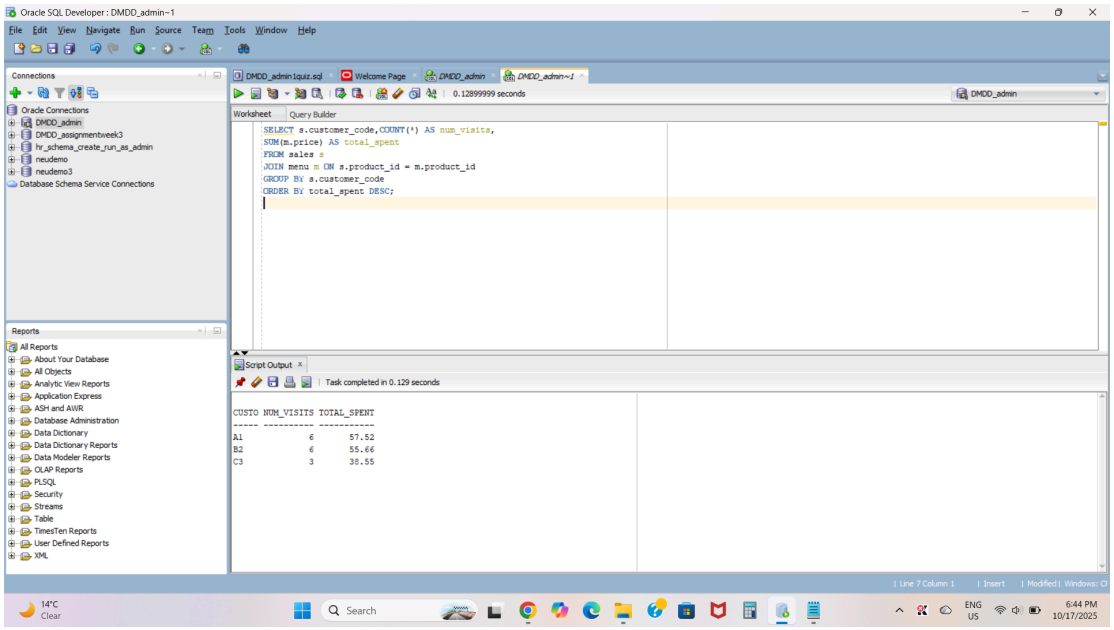
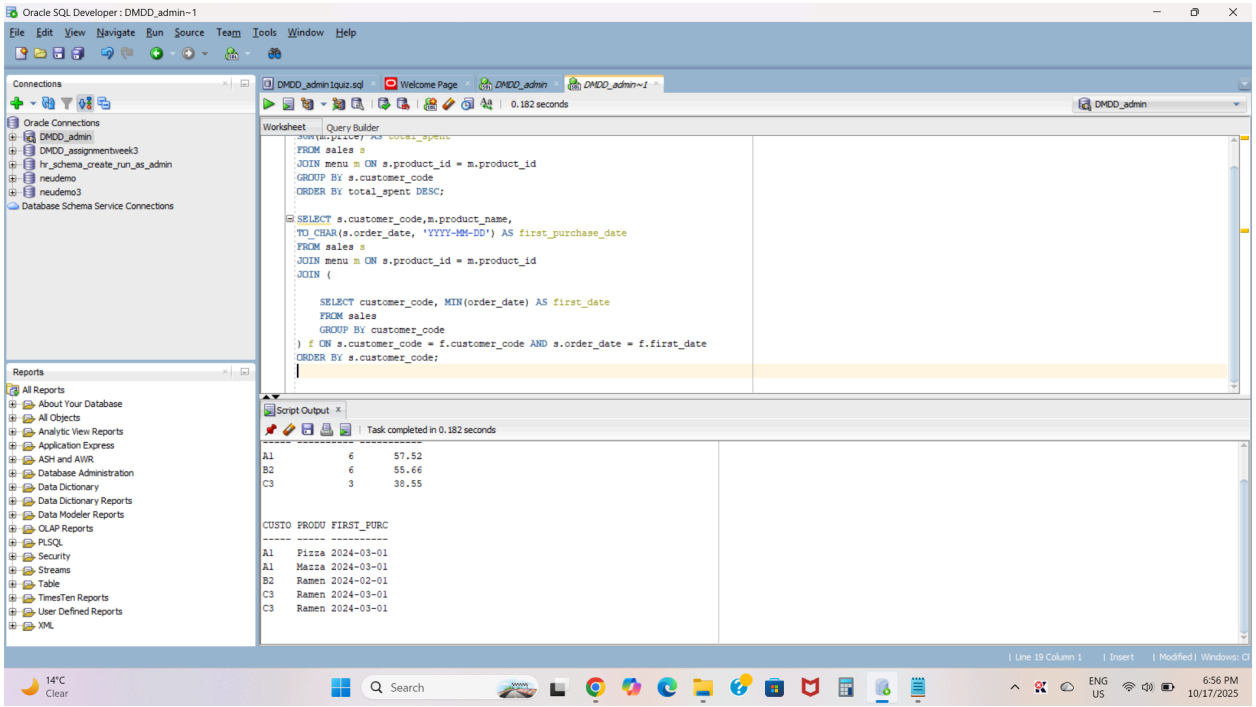
QUESTION 1:

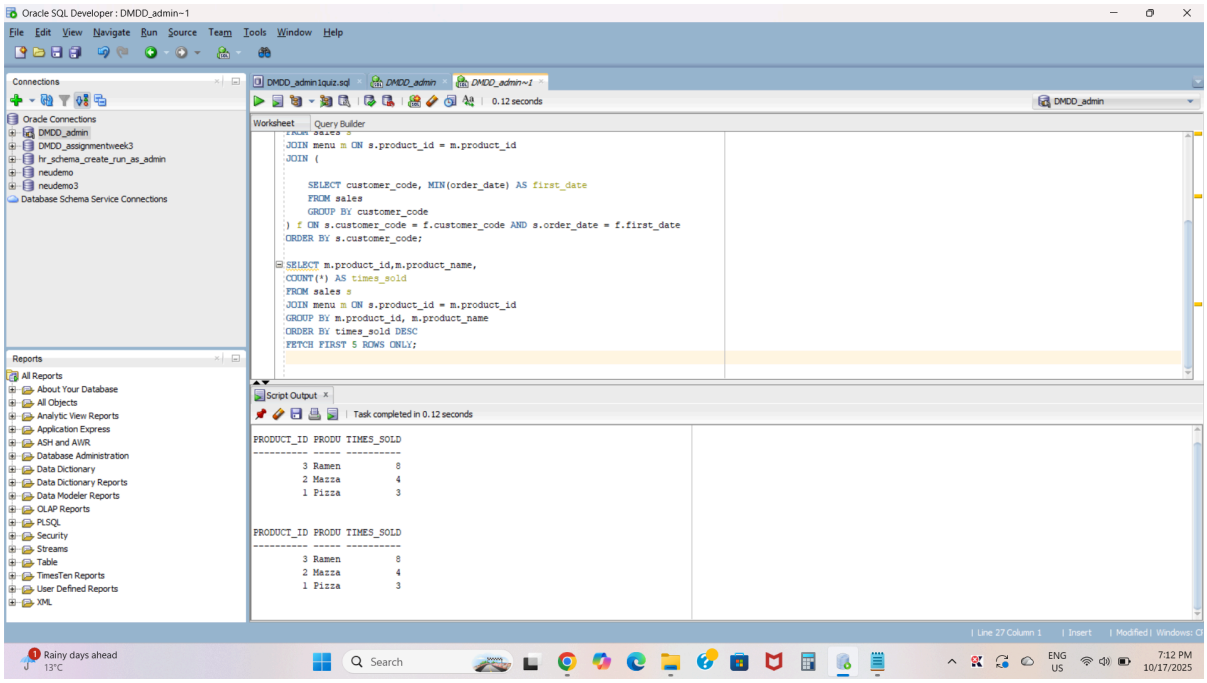
1.customer-wise total spending and number of visits (Each order/sale done by a customer can be considered as a visit).



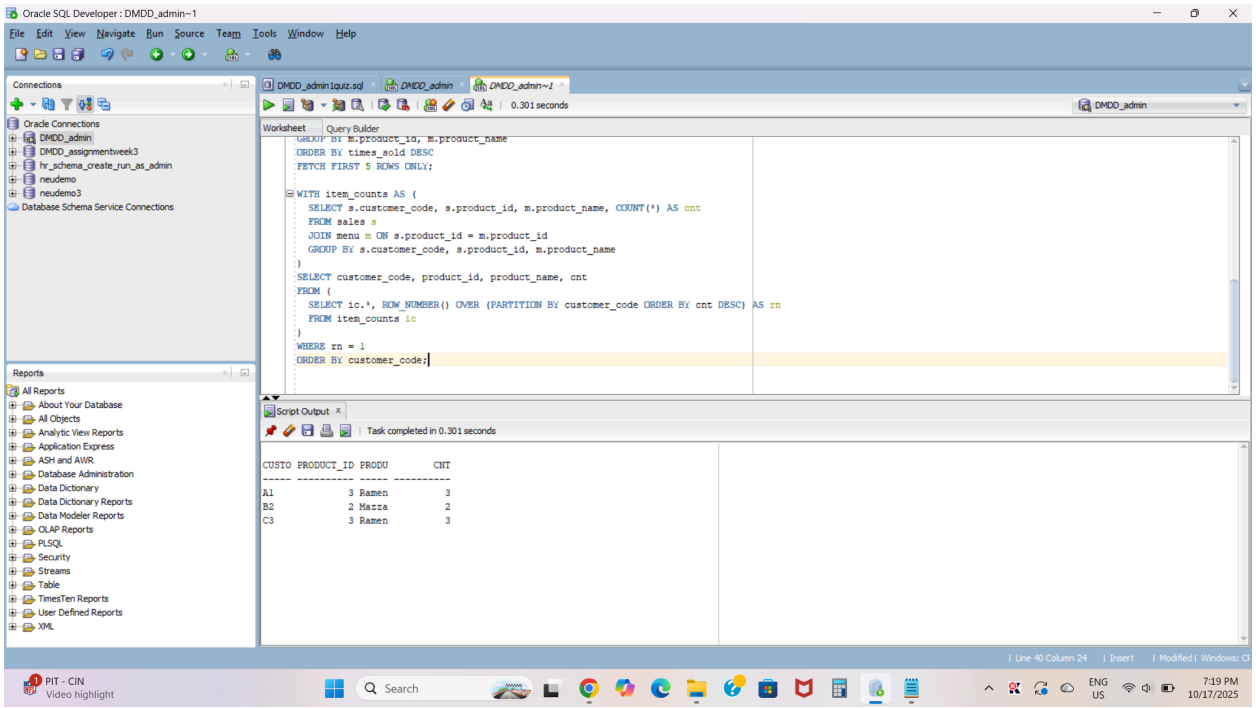
2.For each customer, show the first item name and date on which such item was purchased.



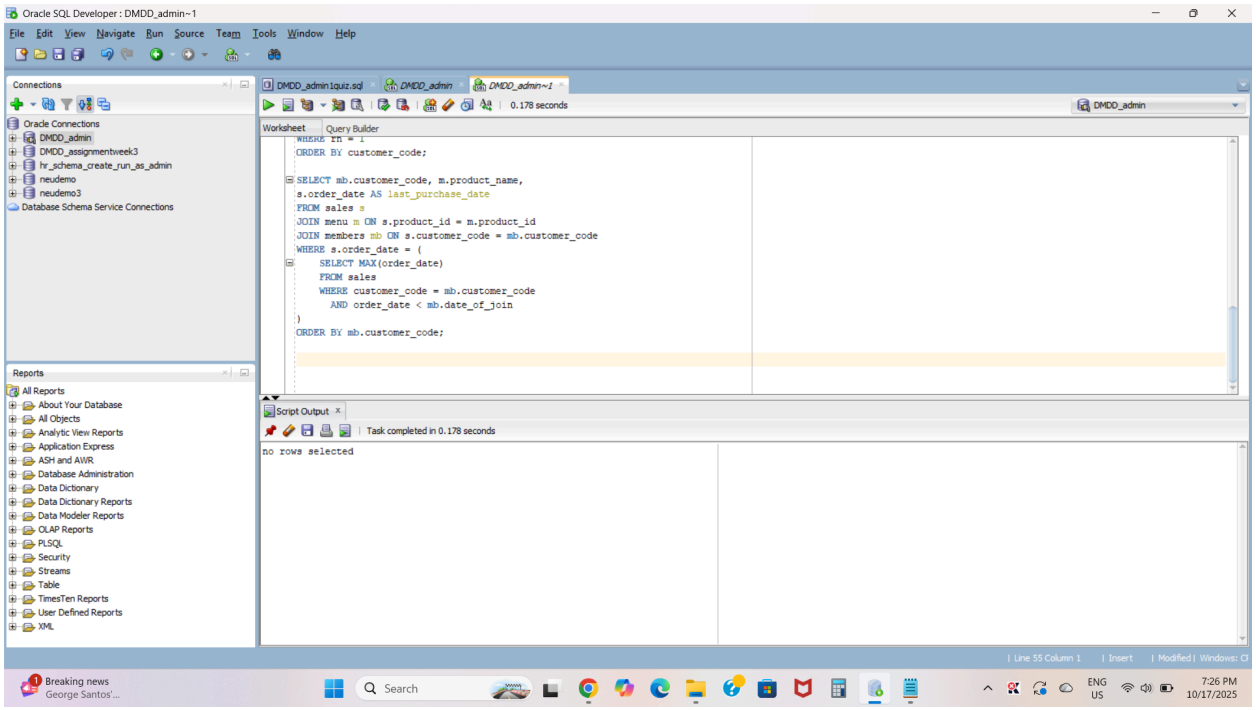
3.Top 5 Most Frequently Purchased item (Overall).



4.Customer-wise, the most frequently purchased item.

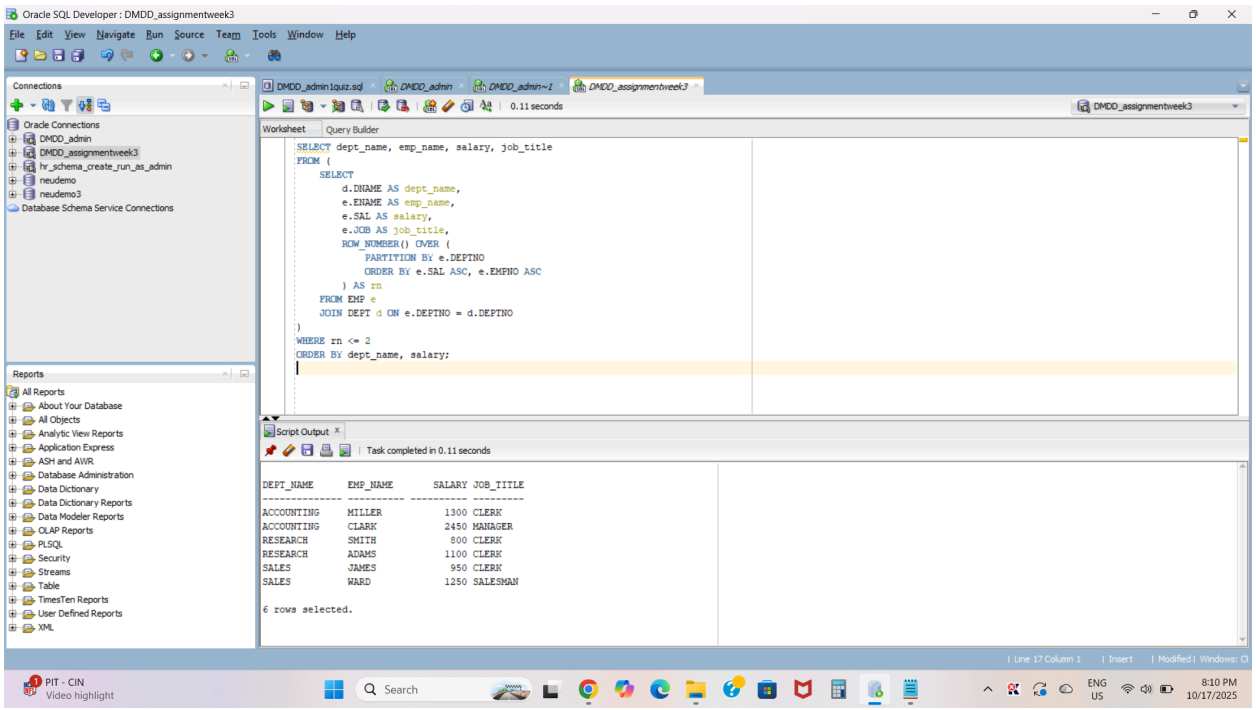


5.Customer-wise show the last item that was purchased before becoming a member.

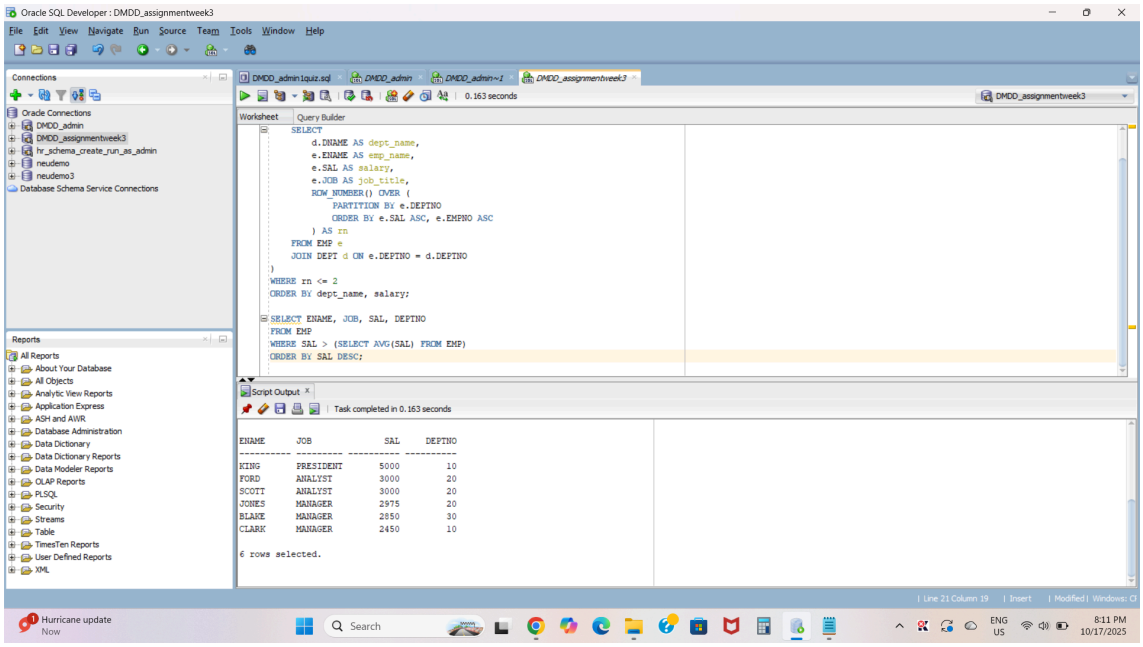


QUESTION 2:

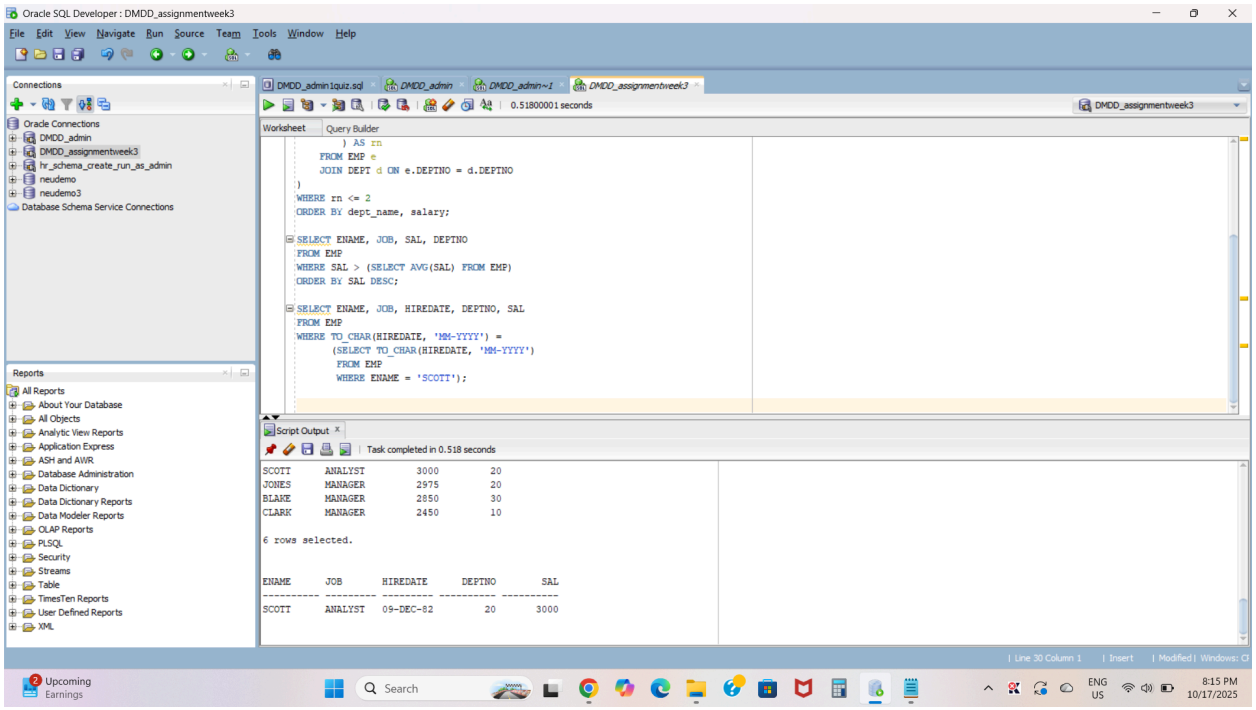
1.Find the top two least paid employees in each department, along with their department name, employee name, salary, job title.



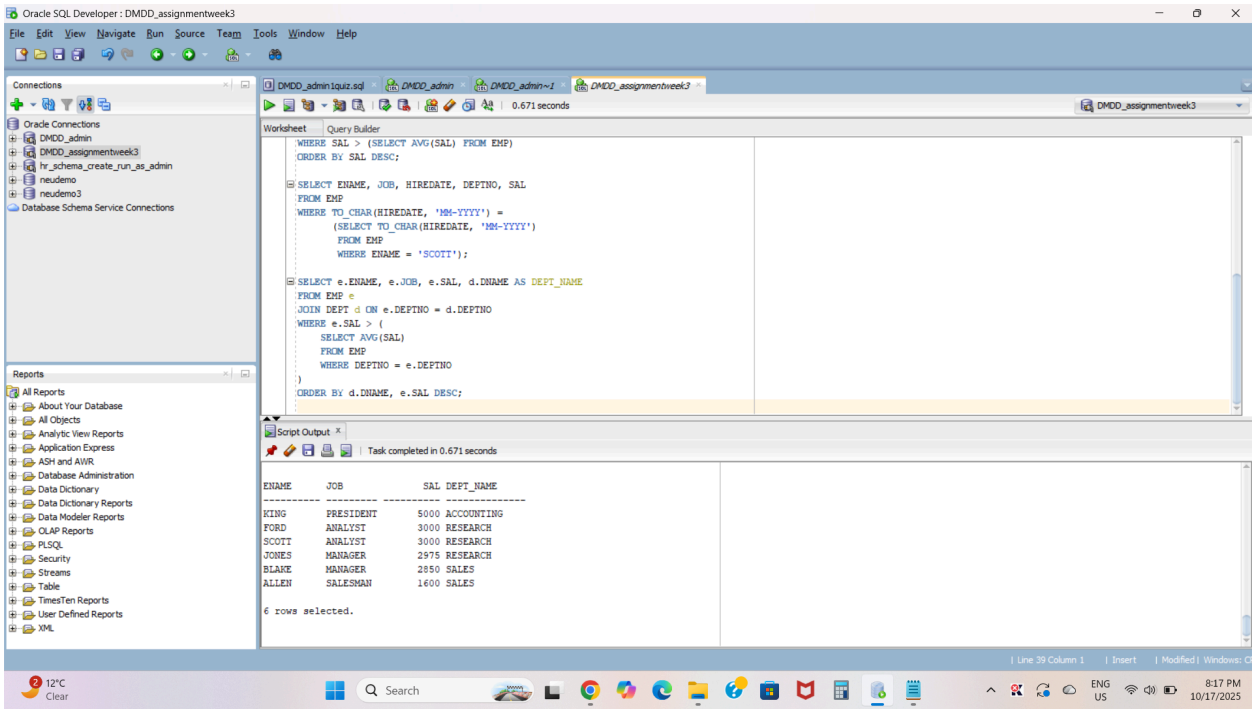
2.List employees who have a salary greater than the average salary of all employees.



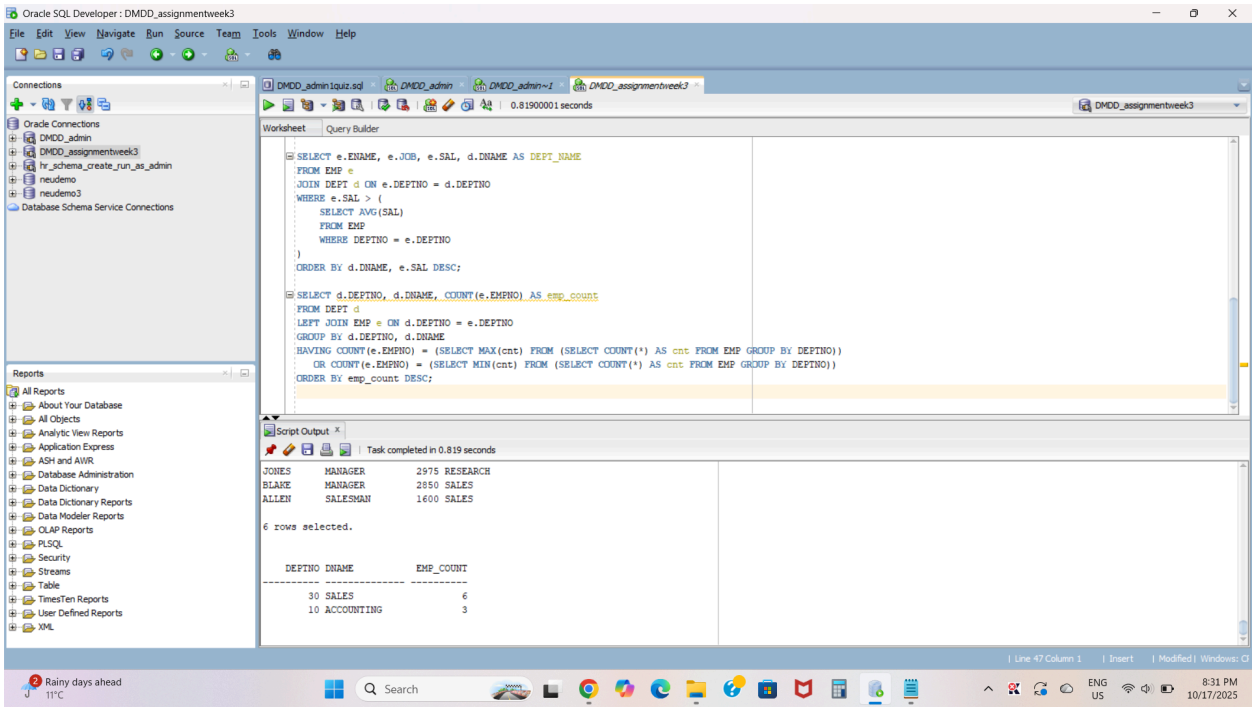
3.List employees who were hired in the same month and year as the employee SCOTT.



4.List employee details with a salary greater than the average salary in their department.



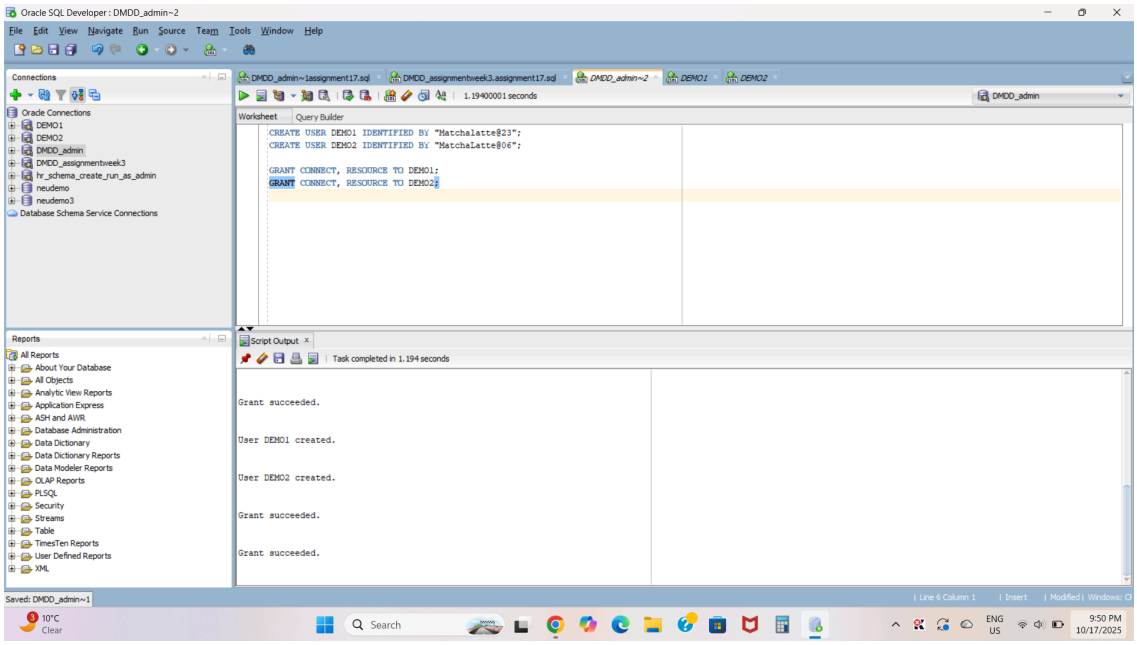
5.Which departments have the maximum and least number of employees.



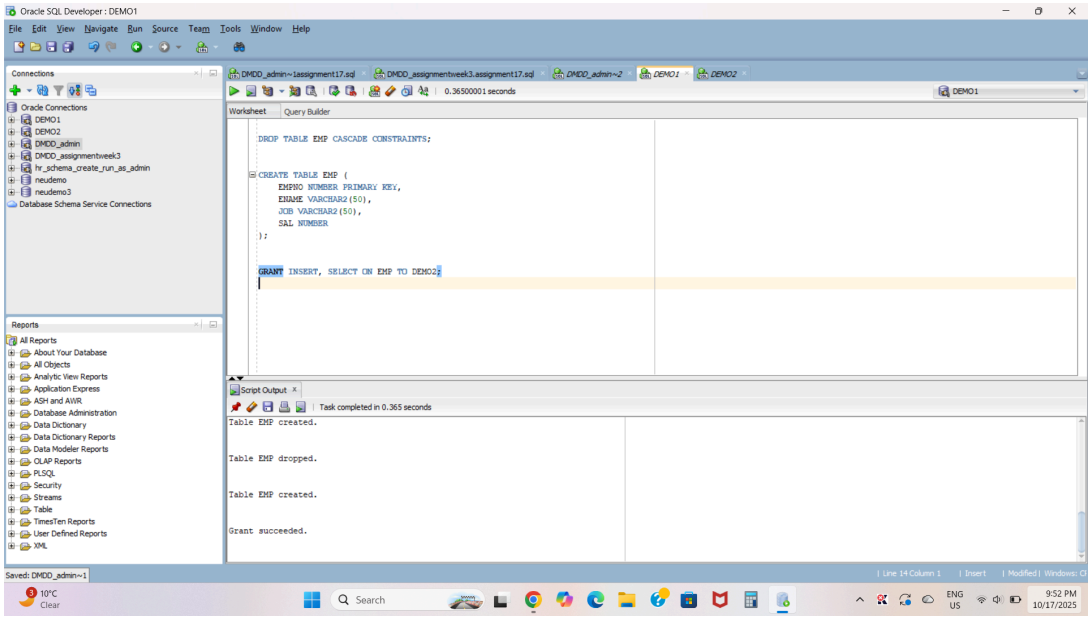
QUESTION 3:

1. Insert from multiple sessions should continue without any wait so that all inserts are successful for a given employee number to EMP table. Simulate the scenario on your SQL Developer and upload screen shots and scripts.

STEP 1: CREATE USERS .

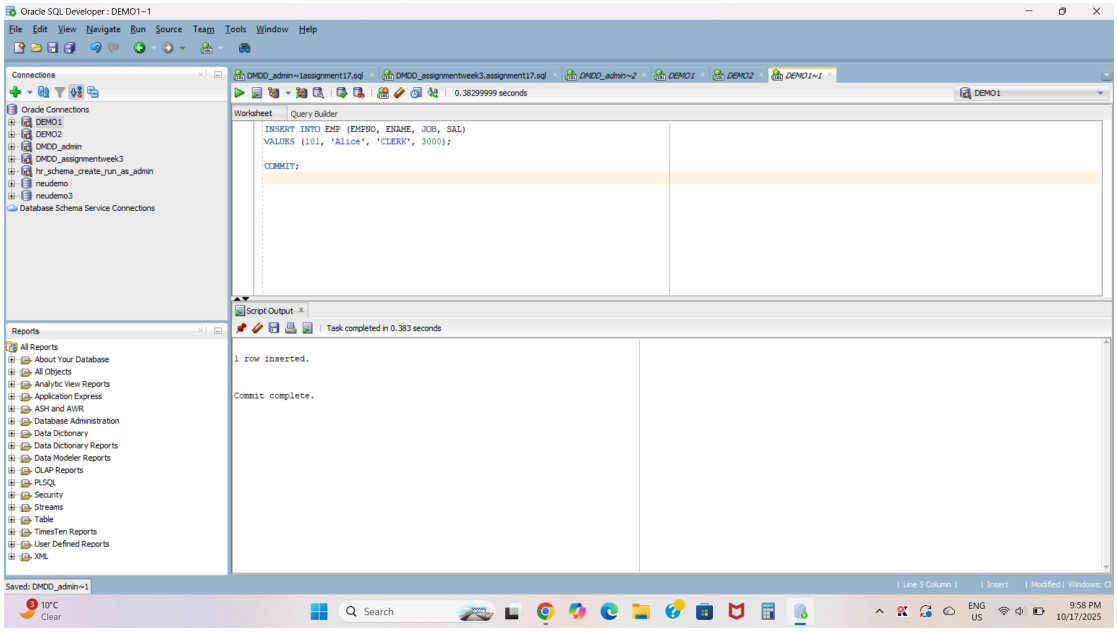


STEP 2: CREATING TABLE.

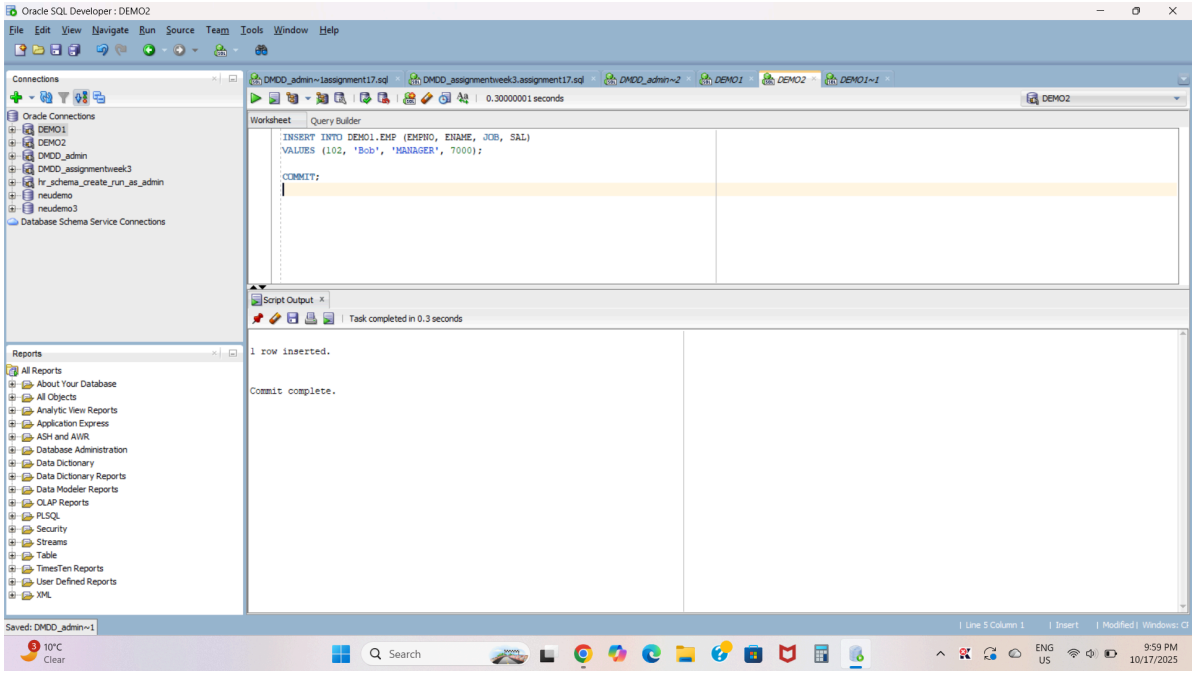


STEP 3:INSERTING DATA

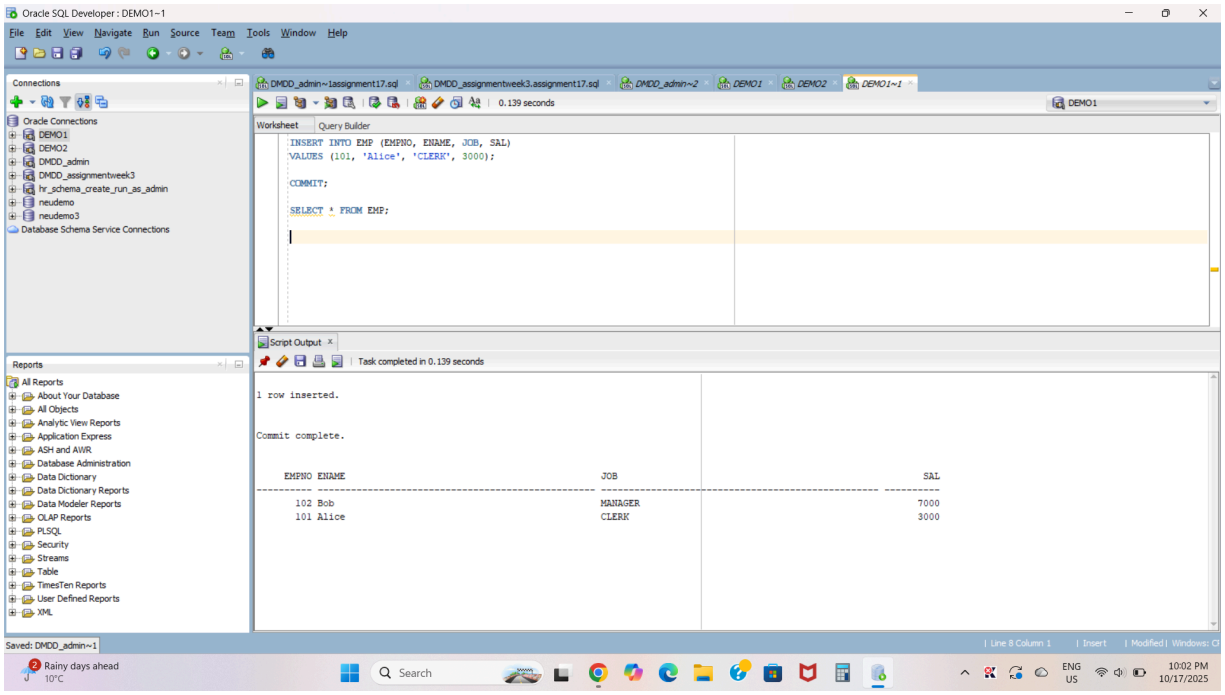
DEMO 1:



DEMO 2:

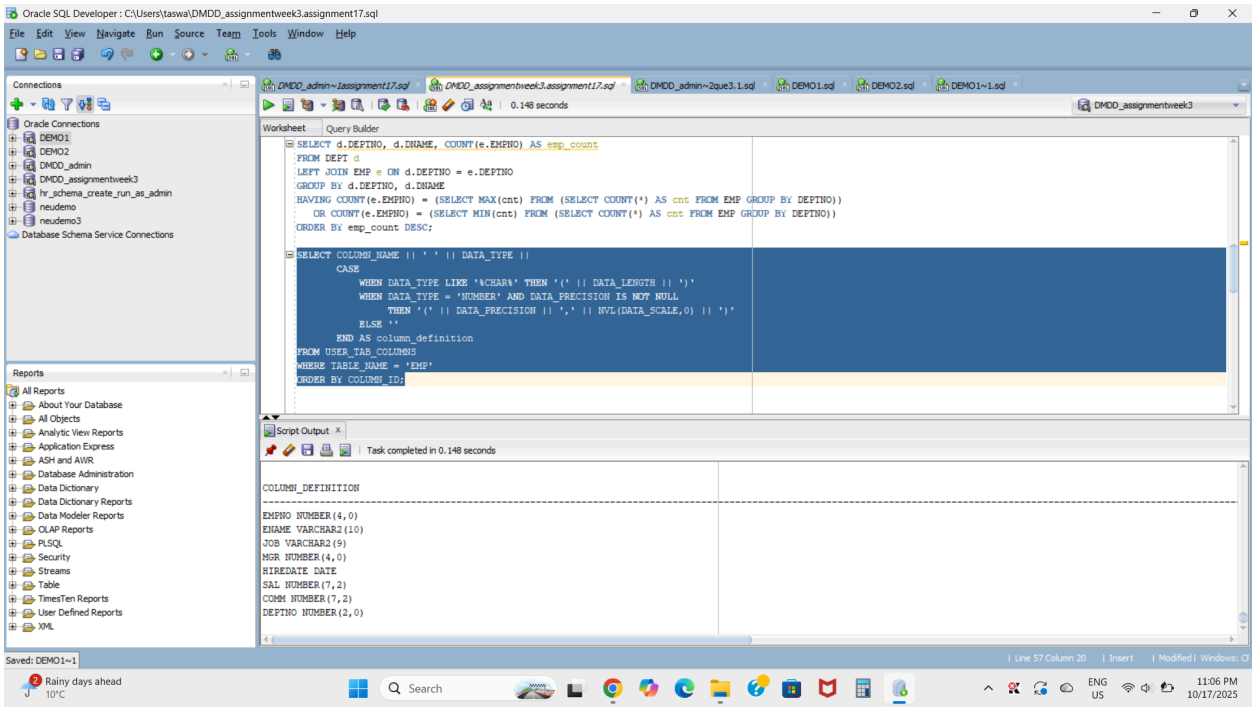


STEP 4: OUTPUT OF THE TABLE:

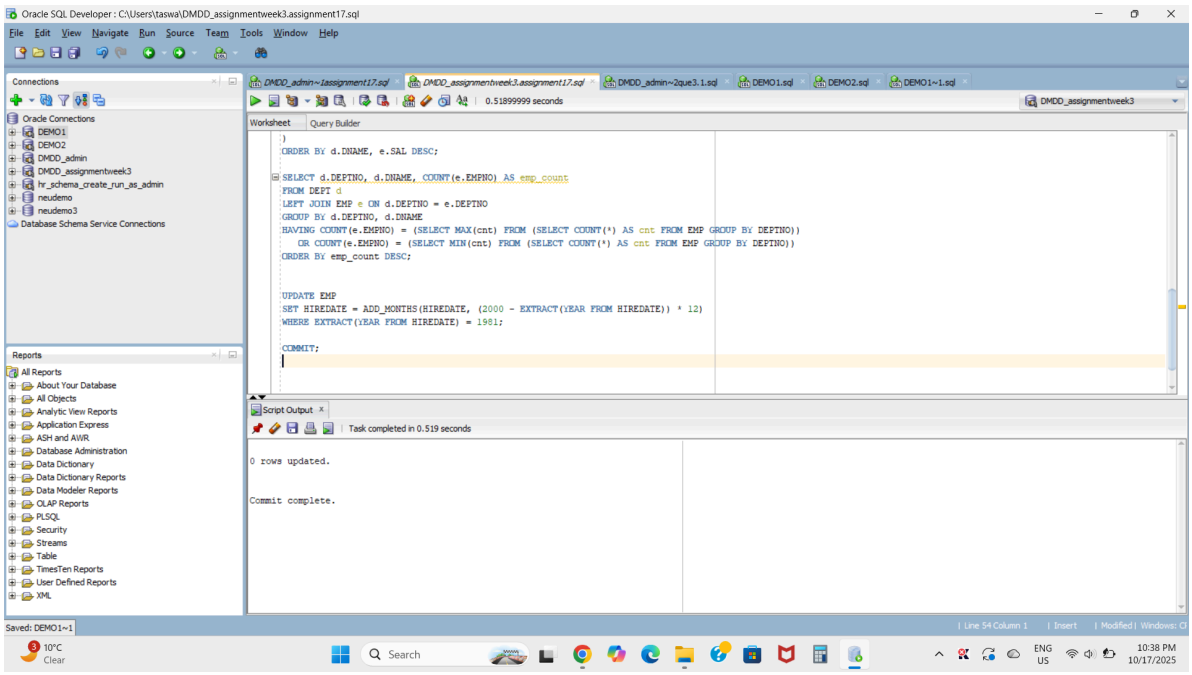


2. Identify the different constraint types and their usage for the following:
   - O/V:Check Option on View
     Prevents inserting or updating rows in a **view** if they don't match the view's filter.
   - R/F:Foreign Key
     Ensures a column value **exists in another table**.
   - U:Unique
     Ensures **no duplicate values** in a column.
   - C:Check
     Column values must meet a rule.
   - P:Primary Key
     Unique ID for each row and it cannot be NULL.

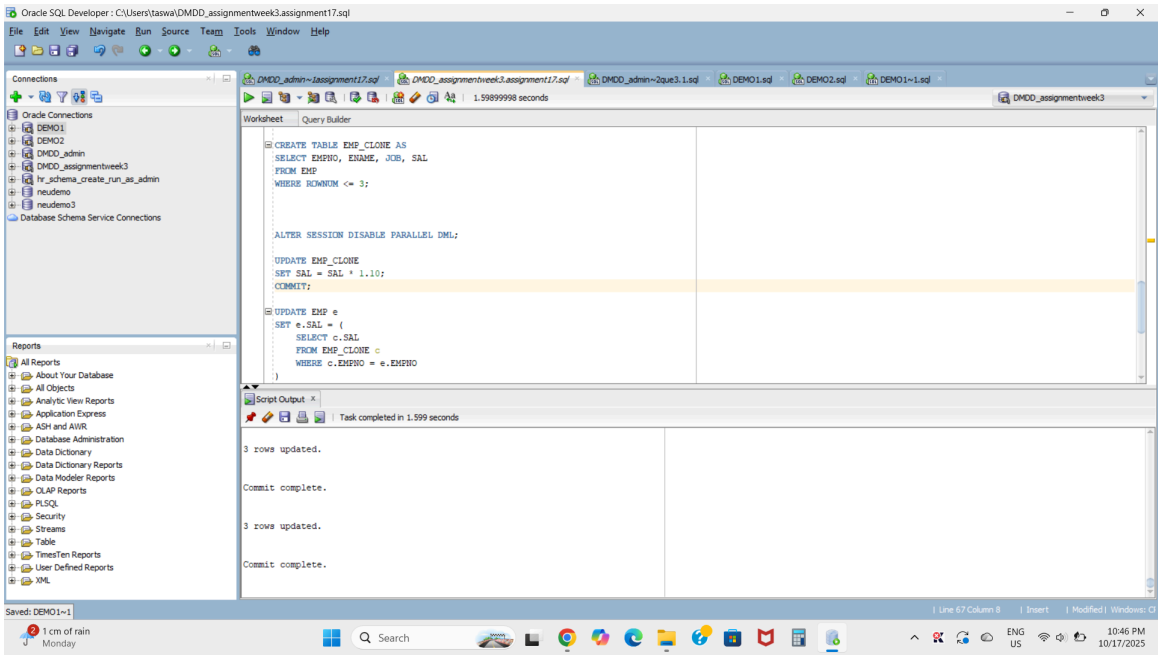
3.Write an SQL statement which will generate CREATE TABLE script (you can ignore constraints that are not part of the user tab cols).

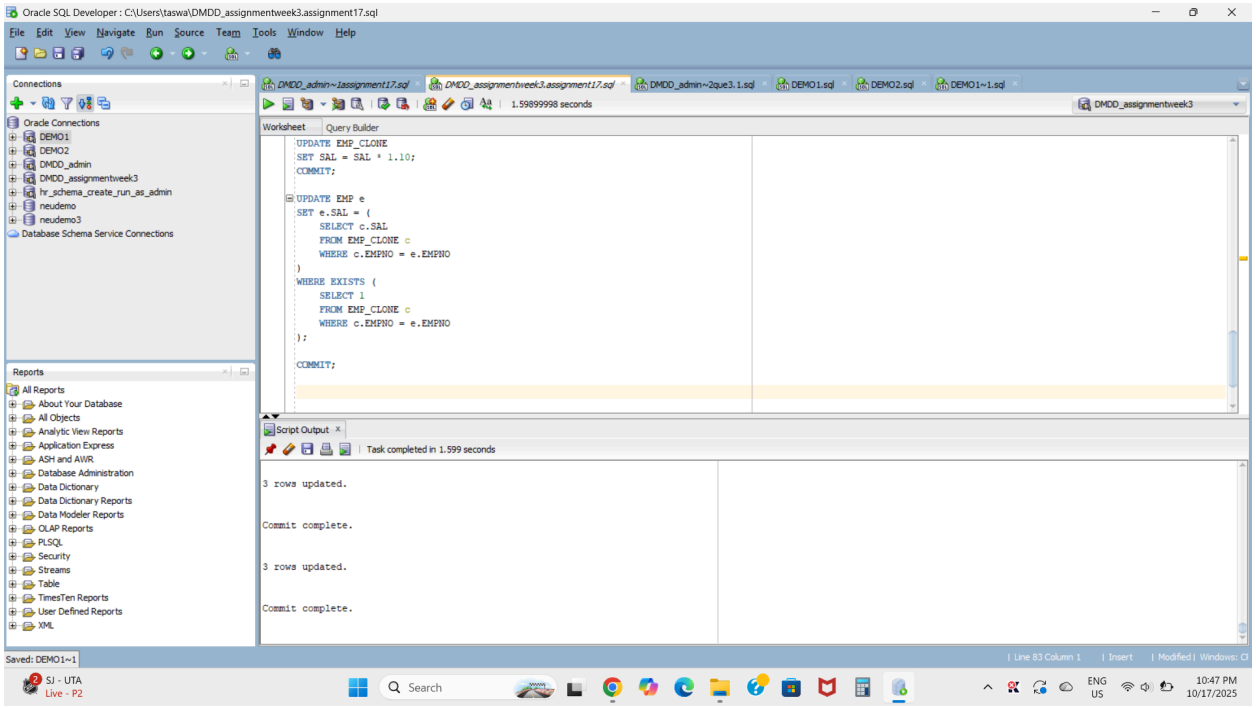


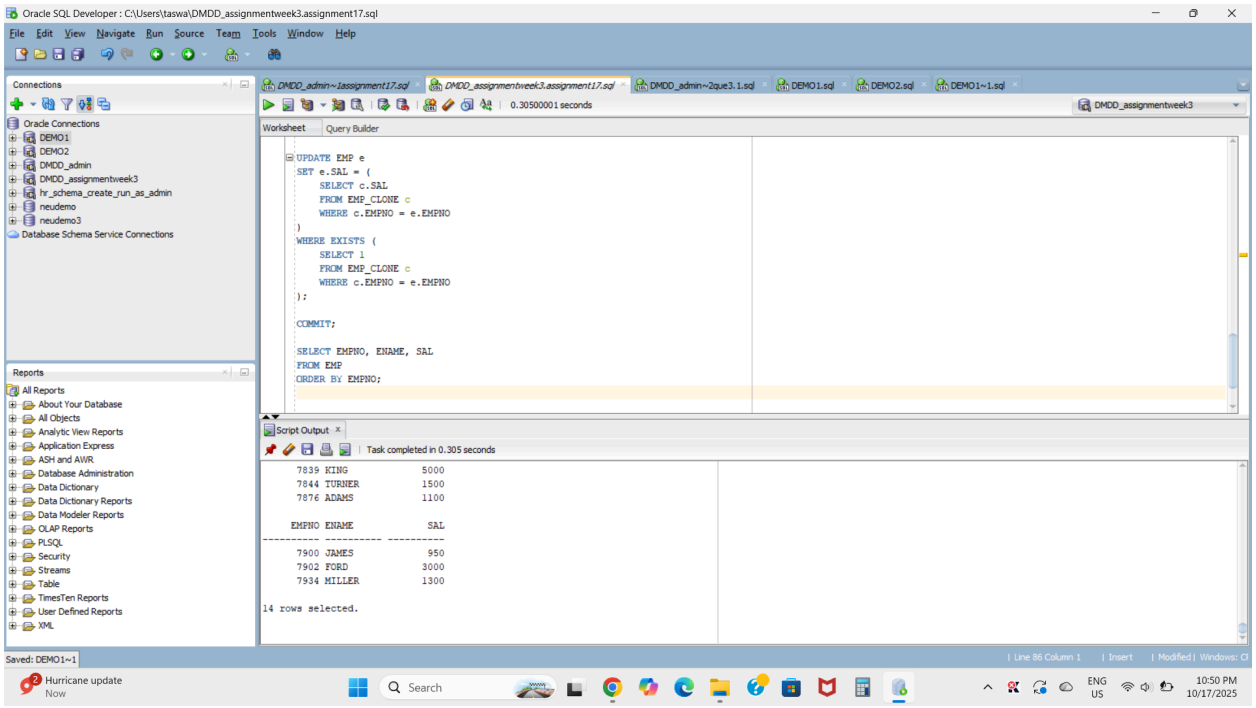
4.Find an alternate (Other than the option explained in class) method to update the hire date year from 1981 to 2000 for the EMP table row.



5.Write an UPDATE DML statement to update the salaries of employees based on another EMP table
(create an clone of emp with limited set of rows then update the salary and reflect the changes to the master emp table)






Oracle SQL Developer : C:\Users\taswa\DMDD_assignmentweek3.assignment17.sql
File Edit View Navigate Run Source Team Tools Window Help
Connections
Oracle Connections
DEMO1
DEMO2
DMDD_admin
DMDD_assignmentweek3
hr_schema_create_run_as_admin
neudemo
neudemo3
Database Schema Service Connections
Reports
All Reports
About Your Database
All Objects
Analytic View Reports
Application Express
ASH and AWR
Database Administration
Data Dictionary
Data Dictionary Reports
Data Modeler Reports
OLAP Reports
PLSQL
Security
Streams
Table
TimesTen Reports
User Defined Reports
XML
DMDD_admin~1assignment17.sql
DMDD_assignmentweek3.assignment17.sql
DMDD_admin~2que3.1.sql
DEMO1.sql
DEMO2.sql
DEMO1~1.sql
0.30500001 seconds
DMDD_assignmentweek3
Worksheet
Query Builder
UPDATE EMP e
SET e.SAL = (
SELECT c.SAL
FROM EMP_CLONE c
WHERE c.EMPNO = e.EMPNO
)
WHERE EXISTS (
SELECT 1
FROM EMP_CLONE c
WHERE c.EMPNO = e.EMPNO
);
COMMIT;
SELECT EMPNO, ENAME, SAL
FROM EMP
ORDER BY EMPNO;
Script Output
Task completed in 0.305 seconds
7839 KING 5000
7844 TURNER 1500
7876 ADAMS 1100
EMPNO ENAME SAL
7900 JAMES 950
7902 FORD 3000
7934 MILLER 1300
14 rows selected.
Saved: DEMO1~1
Line 86 Column 1
Insert
Modified
Windows: CR
Hurricane update
Now
Search
ENG
US
10:50 PM
10/17/2025